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- (71) Applicant (for all designated States except US): TRIOSYN HOLDING, INC. [CA/CA]; 14163 La-Belle Blvd., Mirabel, Quebec J7J 1M3 (CA).
- (72) Inventor: and
- (75) Inventor/Applicant (for US only): MESSIER, Pierre [CA/CA]; Mirabel, Quebec J7J 1M3 (CA).

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(54) Title: ELECTROSTATICALLY CHARGED FILTER MEDIA INCORPORATING AN ACTIVE AGENT

(57) Abstract: There is provided a protective media and a method of manufacturing the same. In one aspect, the protective media includes a porous dielectric carrier, an active agent incorporated in the porous dielectric carrier, and an electrostatic charge across at least a portion of the porous dielectric carrier. This innovative media is capable of eradicating microorganisms and/or toxins more efficiently than prior art solutions and can also self sterilize.

